

AMENDMENTS TO THE SPECIFICATION

Please replace the Abstract with the following:

A state of an application running in a system is monitored. The monitoring of the application states includes monitoring one or more buffers associated with the application. Dispatch of one or more threads in the system is controlled. At least one thread in the system is associated with the application. Resources in the system are managed based at least on the state of the application and the state of the one or more threads in the system.